

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael Anthony Pugel  
Serial No. : 10/043,497  
Filed : January 11, 2002  
For : Multimode Downstream Signal Processing in a Bi-Directional  
Communications Device  
Examiner : Yimam, H.  
Art Unit : 2623

---

AMENDMENT AND RCE

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is responsive to the Office Action mailed on October 31, 2006.  
The Examiner is requested to enter and consider the following amendments and  
remarks.

**Amendments to and Listing of the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.